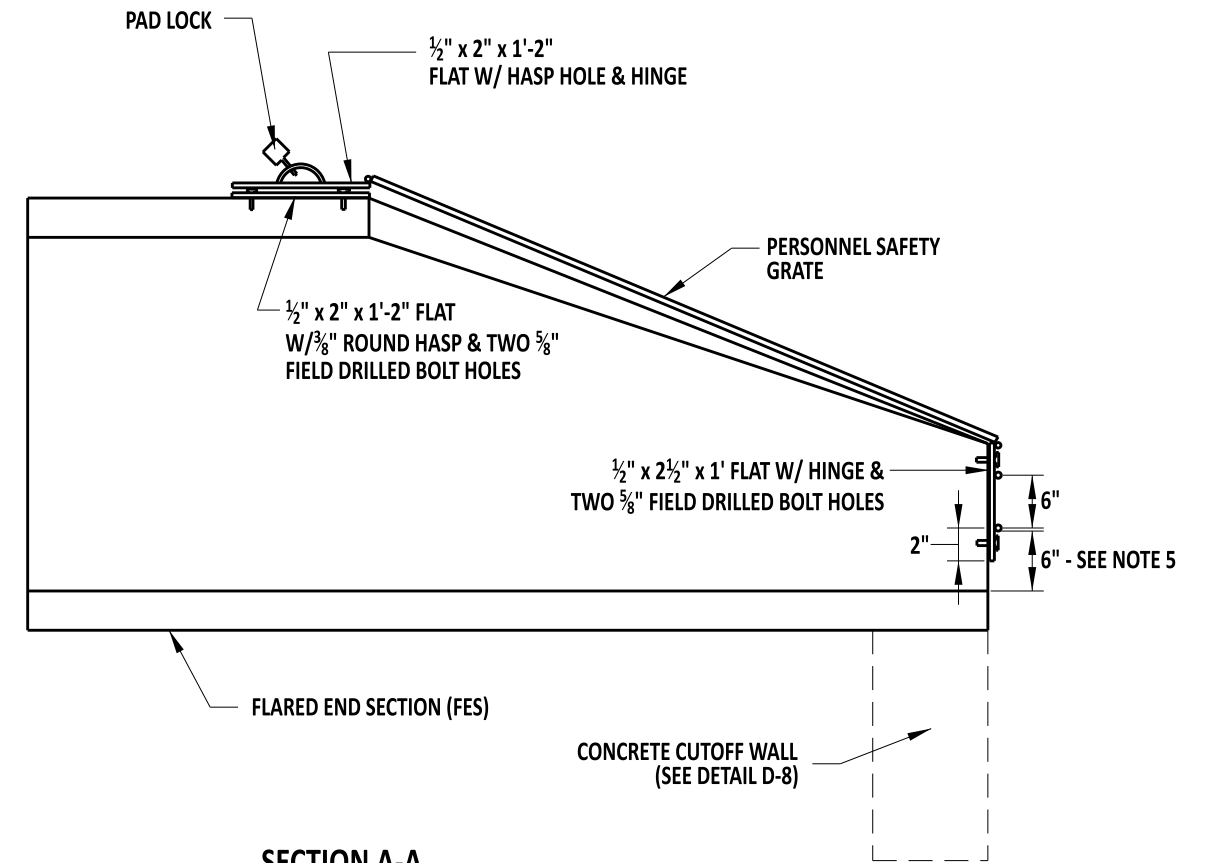


PLAN VIEW



SECTION A-A

NOTES:

- 1). INSTALL PERSONEL SAFETY GRATES (PSG) ON THE INLETS OF STORM WATER PIPES 12" OR LARGER IN DIAMETER THAT ARE NOT STRAIGHT FROM THE INLET TO THE OPEN OUTLET.
- 2). IF A TRAVERSABLE GRATE OR AN INTERNAL ENGERGY DISSIPATER IS INSTALLED ON THE OUTLET OF A STORM WATER PIPE 12" OR LARGER IN DIAMETER, A PSG MUST BE INSTALLED ON THE INLET.
- 3). FIT THE GRATE TO THE OUTSIDE PERIMETER OF THE FLARED END SECTION (FES) $\pm \frac{1}{2}$ ".
- 4). DRILL ALL BOLT HOLES IN THE FIELD.
- 5). INSTALL A STIFFENER WHERE TWO OR MORE BARS ARE USED.
- 6). PLACE BOTTOM BAR 6" ABOVE INVERT OF FES.
- 7). ATTACH ALL HARDWARE IN CONCRETE USING APPROVED TAMPER PROOF ANCHORS.



Andrew Shott
ENGINEERING SUPPORT
RECOMMENDED
12/13/2022
DATE

PERSONNEL SAFETY GRATE FOR PIPE INLET

STANDARD NO. D-3 (2022) SHT. 2 OF 2

REVIEWED

Mike Lee
DEPUTY DIRECTOR - DESIGN
12/16/2022
DATE

APPROVED

Shrey
CHIEF ENGINEER
12/21/2022
DATE